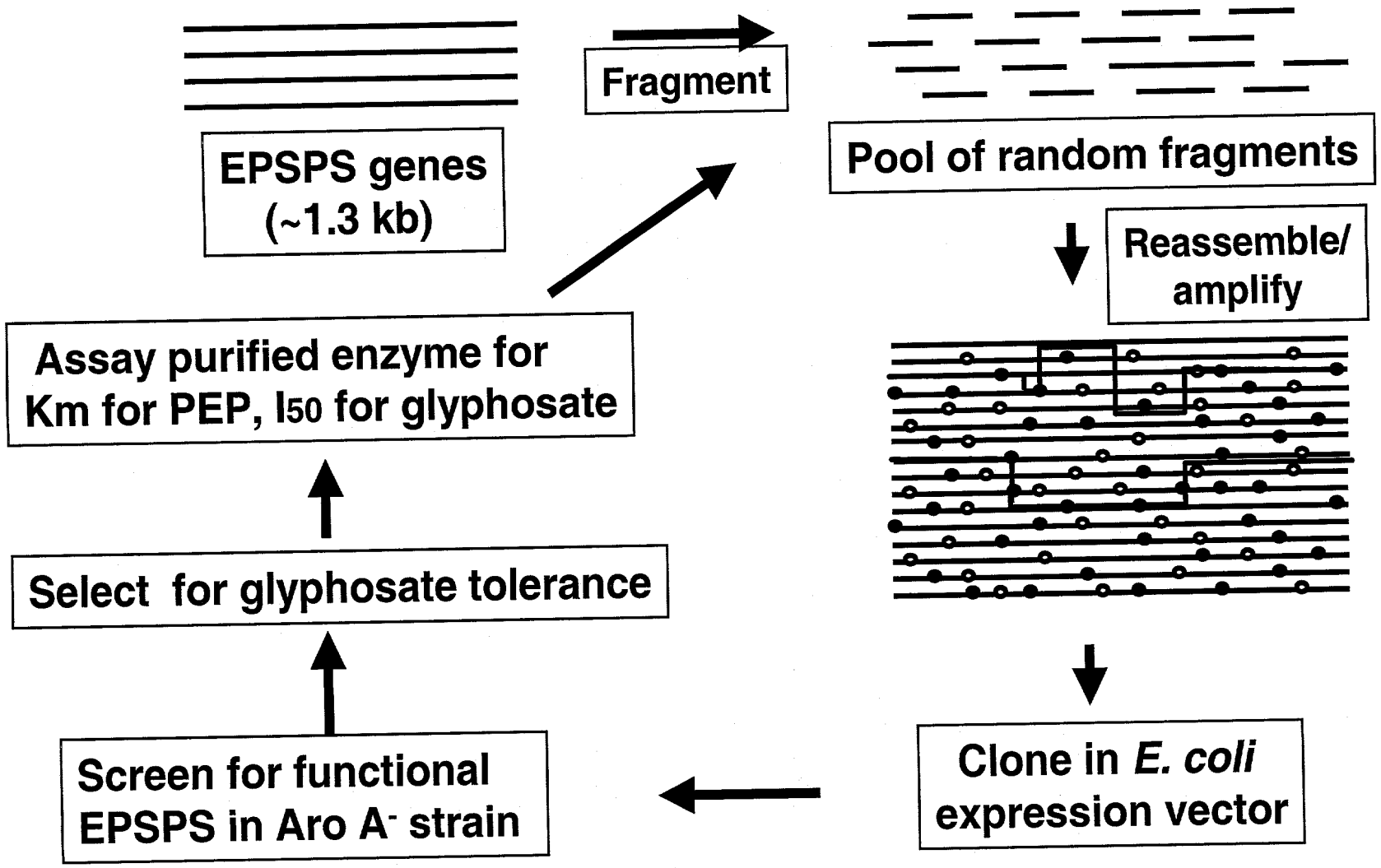
EPSPS genes
(~1.3 kb)
Fragment
Pool of random fragments
Reassemble/
amplify
Clone in *E. coli*
expression vector
Screen for functional
EPSPS in Aro A⁻ strain
Select for glyphosate tolerance
Assay purified enzyme for
Km for PEP, I50 for glyphosate

Fig. 1